

## DAT notes for March 8, 2012

Attendees: Angela Llaban, Edmund Yu, and Wenli Yin (DWR), Lucinda Shih (CCWD), Geir Aasen and Lauren Damon (CDFG), Erin Gleason and Leigh Bartoo (FWS), RG Fernando and Owen Lu (MWD), Barb Byrne (NMFS)

### Salmonid Monitoring

Species*	Red Bluff Diversion Dam RST	Tisdale Weir RST	Knights Landing RST
Date		3/2/2012-3/7/2012	3/1/2012-3/7/2012
CHNF		10	6
CHNLF			
CHNW			
CHNS			1
CHN hatchery			
SH wild			
SH hatchery			
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead			

A summary of Chinook monitoring data can be found at:

<http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

### Delta Monitoring

Trawl and Seine Report for 2/26/2012 to 3/03/2012				
Species*	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
CHNF	388		2	
CHNLF				
CHNW				1
CHNS	16			
CHN hatchery				
SH wild	1			
SH hatchery	1		8	1
DSM	1			14
LFS				1
SPLT				2
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead, DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail				

Delta smelt caught in the Chippis Island trawl were 62-83 mm with one gravid female. The longfin smelt was 110 mm and expressed eggs.

## Salvage

Salmonids - Salvage report for 2/27/2012 to 3/4/2012								
	CVP				SWP			
Species	Adipose Clip Hatchery		Non-Adipose Clip Wild		Adipose Clip Hatchery		Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF								
Total to Date								
CHNLF								
Total to Date	24	20	19	14				
CHNW	4	4	13	13	22	98	39	173
Total to Date	173	130	61	49	176	787	73	324
CHNS								
Total to Date								
SH	10	7	4	3	6	26		
Total to Date	82	56	6	4	43	259	16	70
Chinook race based on length; Adipose fin clips indicates hatchery stock; Non-adipose clip indicates natural origin. SWP steelhead loss = salvage x 4.33, CVP steelhead loss = salvage x 0.68.								

Smelts and Others – Salvage report for 2/27/2012 to 3/4/2012				
	CVP		SWP	
Species	Salvage	Total to Date	Salvage	Total to Date
DSM	8	86	40	60
LFS	12	12		
SPLT	12	223	16	3810
GST				
WST		60		
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon				

As of March 7, the cumulative salvage of delta smelt is 90 at the federal facility and 84 at the state facility. The cumulative take limit for adult delta smelt is 2,487.

No larval delta smelt < 20 mm FL were reported in larval fish samples through 3/4/2012 at the federal facility and through 0300 hours on 3/1/2012 at the state facility. Larval longfin smelt were found in larval fish samples at the federal facility during the period from 2/27/2012 to 3/4/2012 and at the state facility during the period from 1500 hours on 2/23/2012 to 0300 hours on 3/1/2012.

The cumulative loss of winter-run Chinook as of March 7 is 868. The seasonal incidental take level for natural origin winter-run Chinook is 3,241.

Salvage information is posted at <ftp://ftp.dfg.ca.gov/salvage/> (you can also try <http://www.dfg.ca.gov/delta/apps/salvage/Default.aspx>) and click on "salvage FTP site"). Chinook salmon, steelhead, and sturgeon salvage data is located in the tables under the folder "DOSS salvage tables". Smelt salvage data is located under the folder "Daily Smelt Summary".

## Smelt Monitoring

Spring Kodiak Trawl #3 began March 5; data collection is not yet complete. Data up to March 6 is posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>. There were 18 Delta smelt caught at the Confluence. Ten of these were females (2 spent, 1 ripe, and 7 pre-spawn) and 8 were pre-spawn males.

Spring Kodiak Trawl #4 will begin on April 16.

Smelt Larva Survey #5 was in the field March 5-6, no data yet to report. Smelt Larva Survey #6 will begin March 19.

20mm Survey #1 is scheduled for March 12.

#### **Smelt Working Group**

The SWG met on March 5 and made no recommendations. Changes in current operations are not necessary.

#### **DOSS**

DOSS met on March 6. The 5 fish/TAF density trigger for Action IV.2.3 was exceeded. The DOSS advice to NMFS and WOMT was to continue to manage OMR flows at no more negative than -2,500 cfs until March 10 (Sat). If during the last 3 days the older juvenile loss density is less than 2.5 or 5.0 fish/TAF (first and second stage triggers) than the action can be relaxed on Sunday, March 11.

#### **Operations**

Summary for March 8, 2012			
SWP		CVP	
Clifton Court (cfs)	1500	Jones Pumping Plant (cfs)	1000
Outflow (cfs)	8400	American - Nimbus (cfs)	1100
Feather - Oroville (cfs)	1750	Sacramento - Keswick (cfs)	4000
San Luis Total (TAF)	1700	Stanislaus - Goodwin (cfs)	
San Luis Share (TAF)	990	San Luis Share (TAF)	
X2 (Km)	74		
E/I (%)	20		
OMR (daily)			
OMR 5 day (cfs)	-1700		
OMR 14 day (cfs)	-2000		

Daily operations summary can be viewed at:

<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

**Next meeting:** The next DAT call is scheduled for March 15, 2012.